

Recombinant Human SDC4, Fc-tagged

Cat. No. SDC4-505H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human syndecan-4 (aa 1-145) is fused at the C-terminus to the Fc portion of human IgG1.
Species	Human
Source	HEK293
Description	Syndecan-4 is a small type I transmembrane heparan sulfate proteoglycan, involved in intracellular communication. Syndecan-4 is universally expressed and is found in virtually every cell type and has a role in focal adhesion formation, cell migration and growth factor signaling.
Form	Liquid. 0.2µm-filtered solution in PBS, pH 7.2.
Molecular Mass	~50kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	SDC4 syndecan 4 [Homo sapiens]
Official Symbol	SDC4
Synonyms	SDC4; syndecan 4; syndecan 4 (amphiglycan, ryudocan); syndecan-4; amphiglycan; ryudocan; SYND4; syndecan proteoglycan 4; ryudocan amphiglycan; ryudocan core protein; MGC22217;
Gene ID	6385
mRNA Refseq	NM_002999
Protein Refseq	NP_002990
MIM	600017
UniProt ID	P31431
Chromosome Location	20q12
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem; Proteoglycan syndecan-mediated signaling events, organism-specific biosystem;
Function	cytoskeletal protein binding; fibronectin binding; protein kinase C binding; thrombospondin receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA